CellDEK & CellDEK TEK Software Version 1.25.0.1

August 2013

Release Notes

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CellDEK ® is a registered trademark of Logicube, Inc.

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IMPORTANT NOTICE

PLEASE READ CAREFULLY

Use of CellDEK or CellDEK TEK device to gain unauthorised access to a computer, telephone or PDA may violate various United States federal and state criminal statutes and/or UK statutes, including, without limitation, the Computer Fraud and Abuse Act, Pub L., No. 98 – 473, 98 Stat. 2190; 18 U.S.C. $$1029, et seq and various UK statutes such as the Computer Misuse Act 1980, Communication Act 2003 and the Regulation of Investigatory Powers Act 2000.

In using CellDEK/CellDEK TEK, Customer agrees that:

(a) the CellDEK device will only be used in a lawful manner;
(b) Customer will indemnify and hold harmless Seller from all fees, expenses, losses, liabilities and damages including, without limitation, legal fees resulting from a breach or violation of the foregoing.

WARNING!

CellDEK Users
Software version 1.24.1.0 is required to be running on CellDEK for this 1.25.0.0 update to be completed successfully.

Installing on any other previous version of CellDEK will render the update unsuccessful and may leave CellDEK inoperable.

CellDEK TEK Users
This 1.25.0.0 update will automatically overwrite CellDEK TEK v1.24.1.0 or earlier.

The installation process for CellDEK TEK includes two discs: a CellDEK TEK Core Components CD and a CellDEK TEK Software CD. Please refer to the CellDEK TEK Installation Guide for a comprehensive guide through the new installation procedure.

1. Improvements

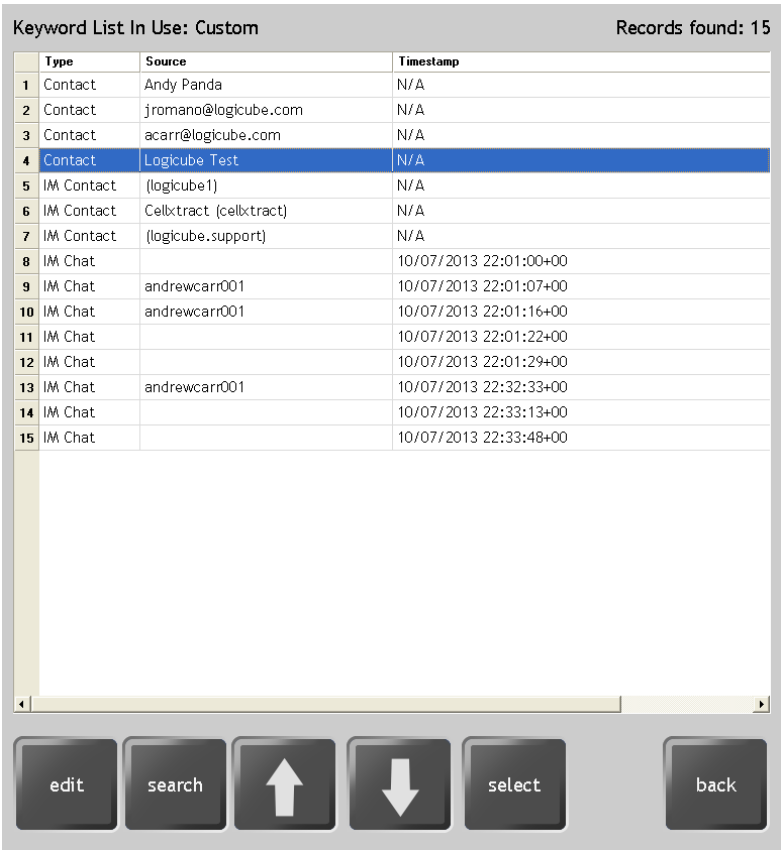
1.1. Improved Keyword Searching

- Search for keywords from an imported list
- Or from a custom keyword list

To search for keywords from the imported keyword list, click the search button. To view each individual record, click the select button.

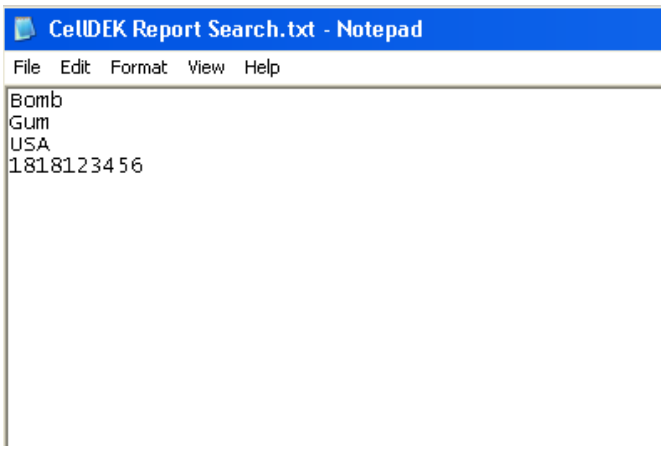
To search for keywords from a custom keyword list, un-check the **Use Imported Keyword List** box then manually add keywords to the Custom Keyword List.

Keyword Search Dialog



To import a new Custom Keyword List:

- On another PC, open Notepad or a similar text editor
- Type a simple list of words as shown in the figure below. Words are not case sensitive so it is recommended to use all lower-case.



- Save the file as “CellDEK Report Search.txt” (case sensitive) and copy it to the root directory of a USB storage device.

- CellDEK Users

    - If you are currently searching an extraction that was captured to a local drive, then a prompt will appear asking for a USB Storage Device to be inserted. Attach the USB Storage Device and tap the ***OK*** button. CellDEK will automatically download the text file.

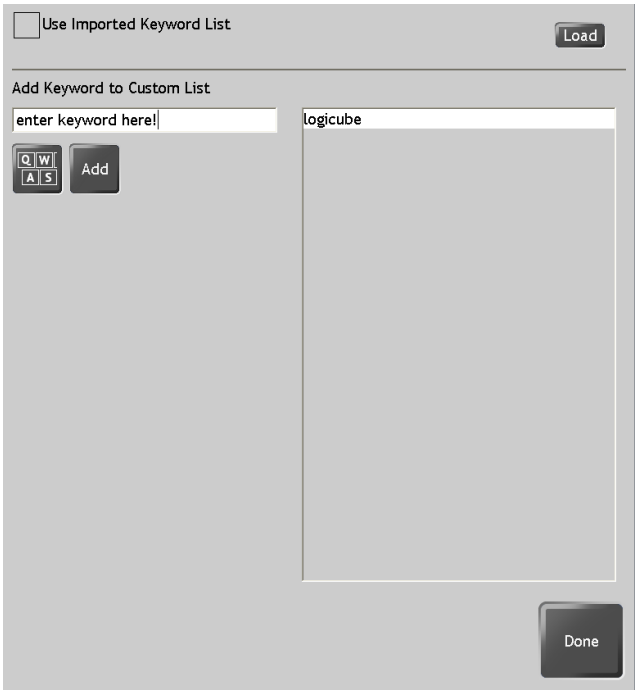
    - If you are currently searching an extraction that was cpatured to external storage, then you must ensure the external storage device has “CellDEK Report Search.txt” stored on the root directory.

- CellDEK TEK Users

    a. An Open Dialog Window will open and you can browse to where you have stored the file “CellDEK Report Search.txt” and select it.

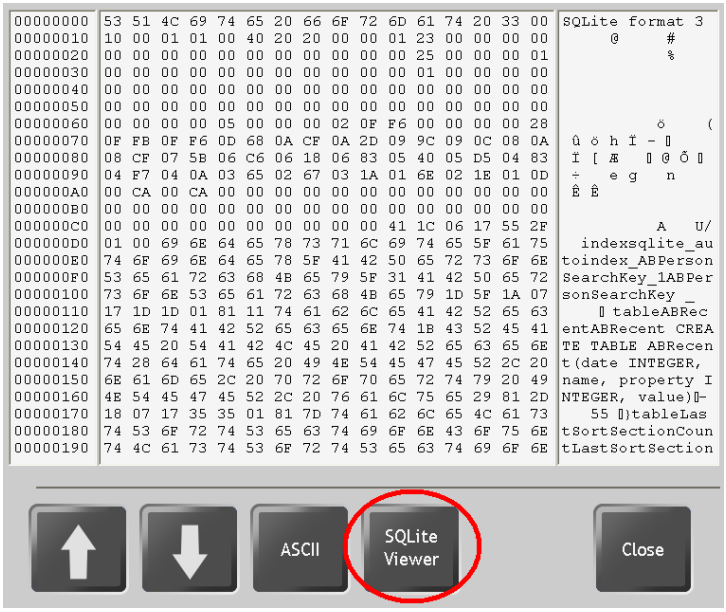
- Click the edit button to go to the edit keyword dialog then tap the “Load” button

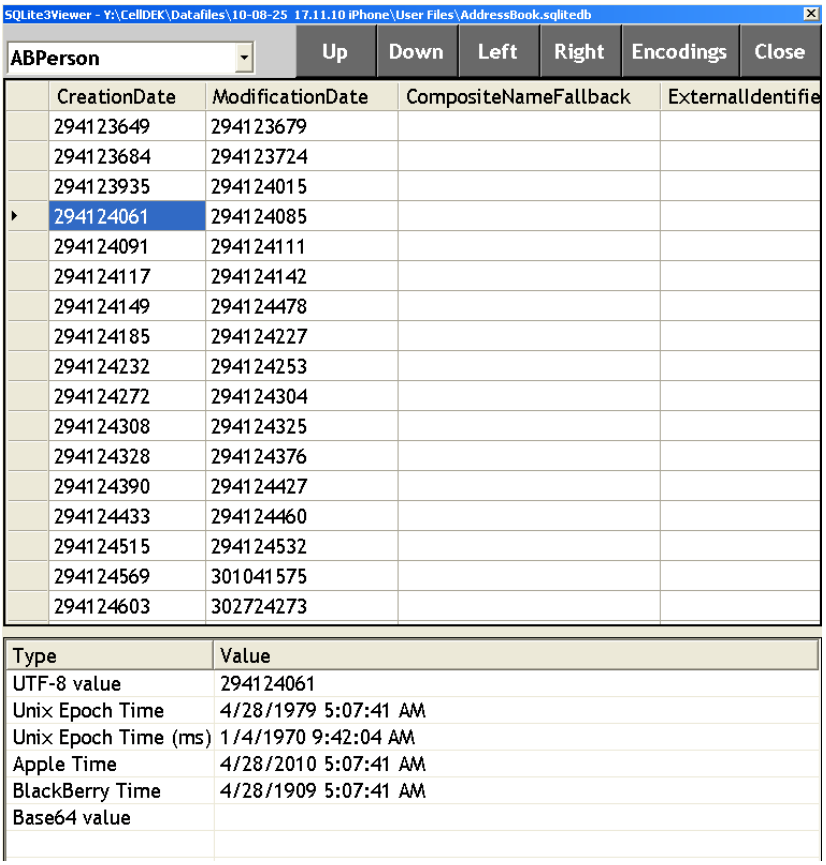
Edit Keyword Dialog



1.2. SQLite Viewer now available

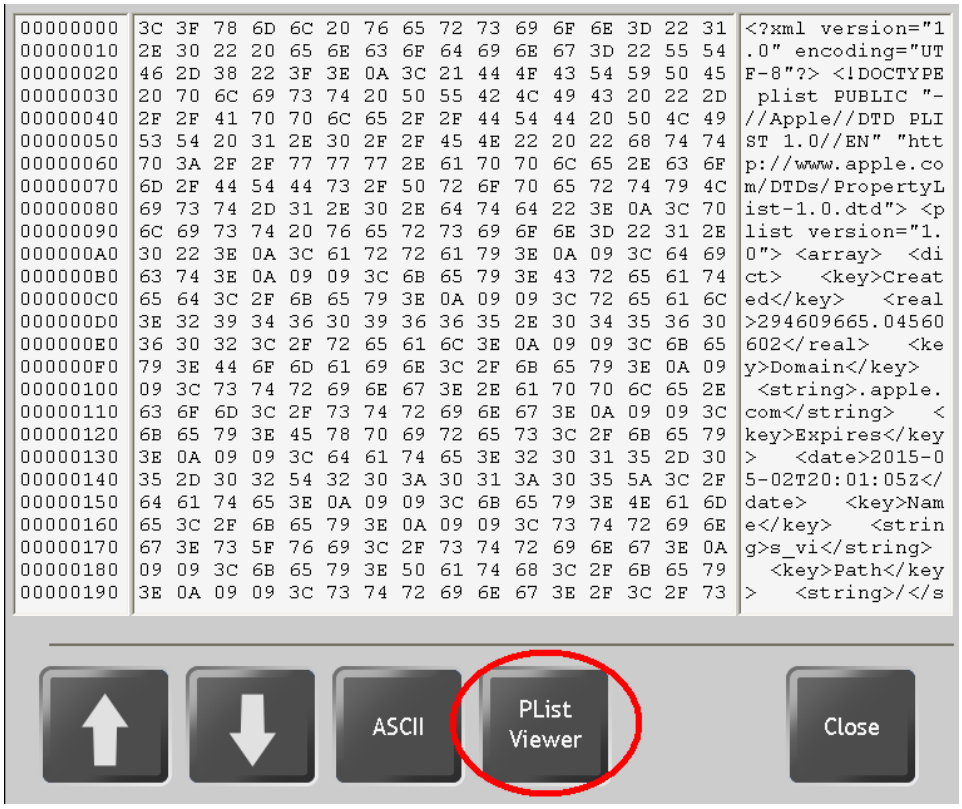
- CellDEK now includes a SQLite Viewer which allows SQLite databases to be explored – SQLite databases can be found in Apple, Android OS devices, BlackBerry and Symbian OS Series 60 smartphones. Apps such as Apple Safari and Opera store data in SQLite databases.

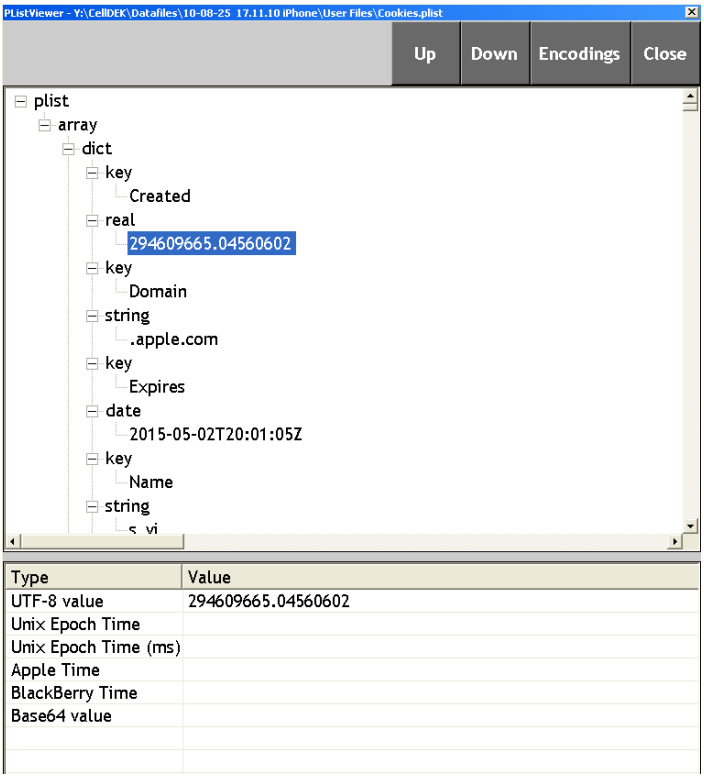




1.3. PList Viewer now available

- CellDEK now includes a PList Viewer which allows Apple Property List binary XML files to be viewed. Plist files contain a lot of valuable forensic information. Browser history, Wi-Fi access points, speed dials, Bluetooth settings, global applications settings, Apple Store settings etc.





1.4. Apple iPhone Passcode Bypass

- CellDEK can extract data from a passcode locked iPhone if specific iTunes .plist files from a PC or Mac, which has synced with the device after the user code was enabled, are available.

1. Locate iTunes .plist files from synced PC or Mac. These can be found in the following hidden folder (refer to the users' manual for instructions on how to show hidden folders) locations:

   - Windows 98/ME/2000/XP iTunes Users:
     Documents and Settings\All Users\Application Data\Apple\Lockdown

   - Windows Vista/7 iTunes Users:
     Users\<User Name>\AppData\Roaming\Apple Computer\Lockdown

   - Mac OS X iTunes Users:
     VolumeName\Users\<User Name>\Library\Lockdown

2. Copy all iTunes .plist files to the following directory on a USB drive (It is recommended that the USB drive is formatted before creating \CellDEK\Lockdown directory and copying .plist files):

   - **:\CellDEK\Lockdown**

3. Insert USB drive into the CellDEK and perform a regular iPhone extraction.

CellDEK will then search the USB drives for any .plist files and import them if found.

1.5. Improved Android Rooting Support

- Added Rooting support for the following Samsung Galaxy S3 devices:

  - SAMSUNG I9300 4.0.4 build IMM76D
  - SAMSUNG I9300 4.0.4 build IMM76D
  - SAMSUNG I9300 4.0.4 build IMM76D
  - SAMSUNG I9300 4.1.1 build JRO03C
  - SAMSUNG I9300 4.1.1 build JRO03C
  - SAMSUNG I9300 4.1.2 build JZO54K
  - SAMSUNG I9305 4.1.1 build JRO03C
  - SAMSUNG I9305 4.1.1 build JRO03C
  - SAMSUNG I9305 4.1.1 build JRO03C
  - SAMSUNG I9305 4.1.1 build JRO03C
  - SAMSUNG I9305 4.1.2 build JZO54K
  - SAMSUNG I9305 4.1.2 build JZO54K
  - SAMSUNG I9305N 4.1.1 build JRO03C
  - SAMSUNG SPH-L710 4.0.4 build IMM76D
  - SAMSUNG SPH-L710 4.1.1 build JRO03C
  - SAMSUNG SGH-I747 4.0.4 build IMM76D
  - SAMSUNG SGH-I747 4.1.1 build JRO03C
  - SAMSUNG SGH-I747 4.1.1 build JRO03L
  - SAMSUNG SGH-I747M 4.0.4 build IMM76D
  - SAMSUNG SGH-I747M 4.0.4 build IMM76D
  - SAMSUNG SGH-I747M 4.1.1 build JRO03C
  - SAMSUNG SGH-T999 4.0.4 build IMM76D
  - SAMSUNG SGH-T999 4.1.1 build JRO03C
  - SAMSUNG SGH-T999V 4.0.4 build IMM76D
  - SAMSUNG SGH-T999V 4.1.1 build JRO03C
  - SAMSUNG SCH-R530 4.0.4 build IMM76D
  - SAMSUNG SCH-R530 4.1.1 build JRO03C
  - SAMSUNG SCH-R530M 4.0.4 build IMM76D
  - SAMSUNG SCH-I535 4.0.4 build IMM76D
  - SAMSUNG SCH-I535 4.1.1 build JRO03C

Note: Rooting Samsung Galaxy S3 requires permanently flashing a new insecure bootloader image onto the device. The device will remain permanently rooted.

1.6. Additional Android App Data

- Added support for the following Android Apps information:
    - Skype
    - Facebook Messenger
    - Yahoo Messenger
    - WhatsApp
    - Dolphin Browser

Note: Device must be rooted

1.7. Additional Apple iPhone App Data

- Added support for the following iPhone Apps information:
    - Skype
    - Yahoo Messenger
    - WhatsApp
    - Dolphin Browser

Skype, Facebook Messenger, Yahoo Messenger and WhatsApp data is categorized as IM Data and can be found in the following report sections: IM Contacts, IM Calls and IM Chat.

Dolphin Browser data can be found in the URLs report section.

2. Additional Verified Handsets Supported in v1.25.0.1

No new handsets have been verified for this release.

The total number of verified handsets is 952

3 phone models have been added to the "expected to support" list (for logical extraction):

Google Nexus 7
Samsung Galaxy S3
Samsung Galaxy S4

The total number of handsets where extraction is expected but not verified is 963.

The total verified GPS Devices is 14.

In addition to this the total of expected GPS Devices is 91.

In total 2020 specific devices are supported on CellDEK and CellDEK TEK.

A full list of supported devices can be found in the Handset support document and in the User's Guide.

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